

IN THE CLAIMS:

1. (Currently amended) A method for detecting incorrect cartridge orientation in an automated media library, comprising:
 - reading label information from a cartridge label on a cartridge; and
 - determining whether the cartridge is correctly oriented based on the label information, wherein the label information comprises ~~at least one of~~ a location of a barcode ~~and orientation of characters~~ on the label.
2. (Canceled)
3. (Original) The method of claim 1, further comprising:
 - adding the cartridge to an orientation unknown list if the cartridge is not correctly oriented based on the label information.
4. (Original) The method of claim 3, further comprising:
 - performing a retrieval operation on each cartridge in the orientation unknown list; and
 - determining whether each cartridge is correctly oriented based on success of the retrieval operation.
5. (Currently amended) A method for detecting incorrect cartridge orientation in an automated media library, comprising:
 - reading label information from a cartridge label on a cartridge, wherein the label information comprises a location of a barcode on the cartridge label;
 - determining whether the cartridge is correctly oriented based on the label information;
 - performing a retrieval operation on the cartridge responsive to the cartridge not being correctly oriented based on the label information; and
 - marking the cartridge as incorrectly oriented if the retrieval operation is not successful.

6-8. (Canceled)

9. (Currently amended) An apparatus for detecting incorrect cartridge orientation for a cartridge in an automated media library, comprising:

an imaging interface that gathers cartridge label information about a cartridge, wherein the cartridge label information comprises a location of a barcode on a cartridge label;

a label reader that determines whether the cartridge label is correctly oriented based on the cartridge label information; and

an operation component that performs a retrieval operation on the cartridge responsive to the cartridge not being correctly oriented based on the cartridge label information and marks the cartridge as incorrectly oriented if the retrieval operation is not successful.

10. (Canceled)

11. (Canceled)

12. (Currently amended) An apparatus for detecting incorrect cartridge orientation in an automated media library, comprising:

reading means for reading label information from a cartridge label on a cartridge; and

determination means for determining whether the cartridge is correctly oriented based on the label information, wherein the label information comprises ~~at least one of a~~ location of a barcode ~~and orientation of characters~~ on the label.

13. (Canceled)

14. (Original) The apparatus of claim 12, further comprising:

means for adding the cartridge to an orientation unknown list if the cartridge is not correctly oriented based on the label information

15. (Original) The apparatus of claim 14, further comprising:

means for performing a retrieval operation on each cartridge in the orientation unknown list; and

means for determining whether each cartridge is correctly oriented based on success of the retrieval operation.

16. (Currently amended) An apparatus for detecting incorrect cartridge orientation in an automated media library, comprising:

reading means for reading label information from a cartridge label on a cartridge, wherein the label information comprises a location of a barcode on the cartridge label;

determination means for determining whether the cartridge is correctly oriented based on the label information;

means for performing a retrieval operation on the cartridge responsive to the cartridge not being correctly oriented based on the label information; and

means for marking the cartridge as incorrectly oriented if the retrieval operation is not successful.

17-19. (Canceled)

20. (Currently amended) A computer program product, in a computer readable medium, for detecting incorrect cartridge orientation in an automated media library, comprising:

instructions for reading label information from a cartridge label on a cartridge; and

instructions for determining whether the cartridge is correctly oriented based on the label information, wherein the label information comprises ~~at least one of~~ a location of a barcode and ~~orientation of characters~~ on the label.

21. (Currently amended) A computer program product, in a computer readable medium, for detecting incorrect cartridge orientation in an automated media library, comprising:

instructions for reading label information from a cartridge label on a cartridge, wherein the label information comprises a location of a barcode on the cartridge label;

instructions for determining whether the cartridge is correctly oriented based on the label information;

instructions for performing a retrieval operation on the cartridge responsive to the cartridge not being correctly oriented based on the label information; and

instructions for marking the cartridge as incorrectly oriented if the retrieval operation is not successful.

22-24. (Canceled)